

Title (en)

WINDING DEVICE OF SLITTER

Title (de)

WICKELVORRICHTUNG FÜR ROLLENSCHNEIDER

Title (fr)

DISPOSITIF D'ENROULEMENT D'UNE MACHINE A DECOUPER

Publication

EP 1514820 B1 20080416 (EN)

Application

EP 03723160 A 20030421

Priority

- JP 0305068 W 20030421
- JP 2002138806 A 20020514

Abstract (en)

[origin: EP1514820A1] A winding device of a slitter capable of winding web material on a winding shaft supportedly disposed between a pair of side plates after the web material is slit, wherein the winding shaft is divided into two parts in the axial direction, the divided portions thereof are supported on an intermediate support member, the web material is wound on the winding shaft in that state, and after the web material is wound, the divided portions are moved in a direction apart from each other in the axial direction of the winding shaft to extract the winding shaft from a wound product, whereby, even if the width of the web material is large, the web material can be accurately wound, and after winding, the wound product and the winding shaft can be easily separated from each other. <IMAGE>

IPC 8 full level

B65H 19/30 (2006.01); **B65H 18/02** (2006.01); **B65H 18/06** (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP KR US)

B65H 18/021 (2013.01 - EP US); **B65H 18/06** (2013.01 - EP US); **B65H 19/2284** (2013.01 - EP US); **B65H 19/30** (2013.01 - EP KR US);
B65H 2301/413243 (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2301/41486** (2013.01 - EP US);
B65H 2405/422 (2013.01 - EP US)

Cited by

EP3103745A1; US10093503B2; US8413407B2; WO2008010239A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 1514820 A1 20050316; **EP 1514820 A4 20051109**; **EP 1514820 B1 20080416**; AU 2003235335 A1 20031111; CN 100364870 C 20080130;
CN 1652988 A 20050810; DE 60320405 D1 20080529; DE 60320405 T2 20090507; JP 2003335440 A 20031125; JP 3504251 B2 20040308;
KR 100972207 B1 20100726; KR 20050006200 A 20050115; US 2005156077 A1 20050721; US 7380745 B2 20080603;
WO 03095347 A1 20031120

DOCDB simple family (application)

EP 03723160 A 20030421; AU 2003235335 A 20030421; CN 03810679 A 20030421; DE 60320405 T 20030421; JP 0305068 W 20030421;
JP 2002138806 A 20020514; KR 20047017327 A 20030421; US 51435404 A 20041112